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**DIVISION OF
OIL GAS & MINING**

June 30, 1992

Mr. Elliott Lips
JBR Consultants
8160 South Highland Dr. Suite A-4
Sandy, Utah 84093

RE: Inspiration Gold-Topaz Beryllium
Mining Operations

Dear Mr. Lips:

We have received a Notice of Intention for Inspiration Gold's proposed beryllium mining operations in Juab County and a request that the operations be permitted-by-rule under the Utah Ground Water Protection Regulations.

According to the information you submitted, the material to be mined does not have sulfide mineralization and the mine's waste dumps should not produce acid or sulfate-rich leachate. However, the information on the geochemistry of the waste rock was not sufficiently detailed to determine whether leachate from the waste dumps would cause ground water contamination in exceedance of the levels allowed under the Ground Water Protection Regulations. Accordingly, we cannot grant permit-by-rule at this time.

In order to determine whether the mine operations would have *de minimus* impact on ground water quality, more information on the chemistry of leachate from the waste rock dumps would be needed, and this information would need to be compared to the existing ground water chemistry in the area. Inspiration Gold may be able to provide this information by doing leaching tests on drill hole samples from the mine site. Samples tested should be representative of the different rock types expected to be deposited in the waste dumps. The testing should evaluate the acid-forming potential and concentrations of metals and any other pollutants which would result from exposure of the rock materials to rainwater. An estimation should be made of the amounts of each type of rock material which will be present in the dumps. If the final form and locations of the dumps and distribution of rock types within them will have an influence on their discharge to ground water, this information should also be evaluated.

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Depending on the potential impact the mining operation may have on ground water, construction and storm water permits may be needed in addition to a ground water discharge permit. A construction permit would be needed if any facility was constructed for treatment and disposal of mine water or wastewater, such as a lined pond. A storm water permit is required if storm water comes into contact with any part of the mining operations, disturbances from mining, or exposed materials resulting from mining activities and is not retained on site. The State may consider the site as a non-discharging if retention of storm water is provided for up to or exceeding a 25-year 24-hour storm event, provided an accidental discharge from a large storm event would have relatively harmless constituents. Application for a storm water permit is furnished with EPA forms 1 (general) and 2F (storm water application).

Topaz Beryllium Venture must still obtain a ground water discharge permit for operation of its proposed milling facilities near Delta, Utah. Please contact Mark Novak at this office if you have any questions on ground water regulations and permitting.

Sincerely,



Don A. Ostler, P.E.
Director

DAO:MN:gt

cc: Robert Prescott, Inspiration Gold, Inc.
Central Utah Health Dept.
Roger Foisy, District Engineer
Wayne Hedberg, Div. of Oil, Gas & Mining
Harry Campbell
Kiran Bhayani

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FILE:TOPAZ BERYLLIUM